

Codebook

tidy.txt Data Set

Activity

Name of Activity

Character 18 max.

Laying

Sitting

Standing

Walking

Walking_downstairs

Walking_upstairs

Subject

Subject identification

Integer

1 to 30

Measure

Activity measurement name

Character 22 max.

tBodyAccX

tBodyAccY

tBodyAccZ

tBodyAccsX

tBodyAccsY

tBodyAccsZ

tGravityAccX

tGravityAccY

tGravityAccZ

tGravityAccsX

tGravityAccsY

tGravityAccsZ

tBodyAccJerkX

tBodyAccJerkY

tBodyAccJerkZ

tBodyAccJerksX

tBodyAccJerksY

tBodyAccJerksZ

tBodyGyroX

tBodyGyroY

tBodyGyroZ

tBodyGyrosX

tBodyGyrosY

tBodyGyrosZ

tBodyGyroJerkX

tBodyGyroJerkY

tBodyGyroJerkZ
tBodyGyroJerksX
tBodyGyroJerksY
tBodyGyroJerksZ
tBodyAccMag
tBodyAccMags
tGravityAccMag
tGravityAccMags
tBodyAccJerkMag
tBodyAccJerkMags
tBodyGyroMag
tBodyGyroMags
tBodyGyroJerkMag
tBodyGyroJerkMags
fBodyAccX
fBodyAccY
fBodyAccZ
fBodyAccsX
fBodyAccsY
fBodyAccsZ
fBodyAccFreqX
fBodyAccFreqY
fBodyAccFreqZ
fBodyAccJerkX
fBodyAccJerkY
fBodyAccJerkZ
fBodyAccJerksX
fBodyAccJerksY
fBodyAccJerksZ
fBodyAccJerkFreqX
fBodyAccJerkFreqY
fBodyAccJerkFreqZ
fBodyGyroX
fBodyGyroY
fBodyGyroZ
fBodyGyrosX
fBodyGyrosY
fBodyGyrosZ
fBodyGyroFreqX
fBodyGyroFreqY
fBodyGyroFreqZ
fBodyAccMag
fBodyAccMags
fBodyAccMagFreq
fBodyBodyAccJerkMag
fBodyBodyAccJerkMags
fBodyBodyAccJerkMagFreq
fBodyBodyGyroMag
fBodyBodyGyroMags

fBodyBodyGyroMagFreq
fBodyBodyGyroJerkMag
fBodyBodyGyroJerkMags
fBodyBodyGyroJerkMagFreq

See original documentation in file `attribute_info.txt` in home folder of raw data for explanation of the above. Measurement names have been simplified as explained in the accompanying `README.md` file. The entries here are distinct as they constitute the average of the original measures by activity and by subject.

Mean

Mean of measurement

Float

Range between -1 and 1